

MEMO TO: Dr. R.I. Thorpe

30 August, 1983

FROM: Dr. K.M. Dawson

SUBJECT: Cordilleran specimens for Pb isotope analyses collected in the 1983 field season

Spec. No., Name	NTS Latitude Longitude	Remarks
DY 2596 Roman	105A/2 60°00'N 128°36'W	30 cm quartz-siderite-galena vein in folded phyllitic siltstone, on E side Liard R at BC-Yukon border.
DY 2617 Silvertip (Midway)	1040/16 59°55'N 130°20'W	Weathered galena 'veins' in McDame limestone at top of hill.
DY 2618 Silvertip (Midway)	"	Weathered galena outcrop on west side of hill above upper adit portal. In McDame limestone.
DY 2623 (DM-1) Midway	"	DDH MW 81-03: 44.7 m. 'Shale-hosted' upper zone mineralization: quartz-pyrite-galena-sericite. Make separate specimen for X-Ray identification.
DY 2624 (DM-2) Midway	1040/16 59°55'N 130°20'W	DDH MW 82-08: 207.1 m Lower zone, 'carbonate-hosted' mineralization: Massive, coarse grained pyrite-galena-sphalerite.
DY 2625 (DM-3) Midway	"	DDH MW 82-10: 256.5 m Lower zone, 'carbonate-hosted' mineralization: Coarse grained galena + pyrite-sphalerite composite grains, quartz gangue.
DY 2626 (DM-4) Midway	"	DDH MW 83-24: 60.2m Sulphide rich vein in vicinity of '0' zone. Vein cuts grey, finely laminated shale turbidite and small quartz veinlets: Disseminated galena in core grades outward to coarse grained pyrite-sphalerite, and to alternating laminae of pyrite and sphalerite at vein wall.
DY 2627 YP	105B/1 60°03'N 130°23'W	Small (.5 m) calcite-galena-sphalerite vein parallel to bedding in recrystallized Cambrian limestone 050/15 SE, about 1 km east of Cassiar batholith contact. Oxidized; Fe and Mn oxides. E hill.
DY 2628 YP	"	Hand trench on middle hill; vein 0.5 m wide: calcite, Mn-siderite, galena, sphalerite: 130/90. Up to 30 oz/± Ag.

Spec. No., Name	NJS Latitude Longitude	Remarks
DY 2630 Lola	105B/1 60°00'N 130°28'W	6" to 2' wide vein of galena, dark brown sphalerite, minor chalcopyrite and pyrite with quartz-chlorite-minor sericite. Reported 30 oz/+ Ag. Host: granodiorite of Cassiar Batholith.
DY 2666 Mt. Hundere	105A/10 60°31'N 128°52'W	DDH S-71: 139' Pale green actinolite skarn with vuggy quartz veins, disseminated quartz and galena. Assay for Ag, Pb, Zn.
DY 2669 Mt. Hundere	"	DDH S-73: 131' Very similar to DY 2666. Possibly late quartz-Pb-Ag system superimposed on skarn. Assay for Ag, Pb, Zn.

DY 2723  
Bar  
(80652)      105C/8  
60°30'N  
132°14'W      Intensely silicified conglomerate or breccia with galena, sphalerite, pyrite ± barite, Mn oxides.  
May be feeder zone to stratiform barite-pyrite-Pb-Zn.

DY 2818  
Lang Ck  
(Cassiar dist.)      104P/4  
59°14'N  
129°47'W      2-3 m thick pyrrhotite-chalcopyrite-sphalerite massive sulphide near base of Sylvester Group, hosted by cherty argillite, overlain by basalt (greenstone).  
No visible galena - try mineral separation.

DY 2850  
Cyclops      82E/2  
49°07'N  
118°33'W      Green sphalerite-galena-actinolite(?) skarn. Old shaft, dump 600 m S of Oro Denoro pit, Phoenix camp.  
First lead reported from skarn in district.

DY 2834  
BC mine      82E/1,2  
49°08'N  
118°23'W      New Kettle River Resources trenches 3000' E of BC mine; Phoenix camp. Black sphalerite-magnetite-pyrite-pyrrhotite-chalcopyrite skarn, in Brooklyn limestone.  
No visible PbS, try mineral separation for galena.

DY 2851  
Erickson Au      104P/4  
59°13'N  
129°40'W      Table Mtn-Vollaug vein: galena in massive quartz, from underground workings.

DY 2852  
Erickson Au      "      Plaza Resources pit on Vollaug vein. Galena in massive white quartz.

DY 2853  
Erickson Au      104P/4  
59°12'N  
129°39'W      Cusac mine: trench 50 m S of portal. Galena in quartz-carbonate altered listwanite.

206/204      207/204      208/204 (Mar 12/84)  
19.183      15.677      39.162

*[Handwritten signature]*

Lang Ck      206/204      207/204      208/204 (Dec 19/83)  
19.137      15.672      38.085